

Robert E. & M. Sharon McTaggart having first been duly sworn, depose and say that they are of lawful age and are the appropriators and claimants of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person S. whose name S. subscribed thereto, as the appropriator S. and claimant S., that they know the contents of said foregoing notice and that the matters and things therein stated are true.

Felix M. S. J. &  
M. Sharon McTaggart

3 day of March, 1968  
John L. Castiel  
Notary Public for the State of Montana.  
Residing at Helena, Montana  
My Commission expires 12-12 1968

This well was measured 4/27/33 by J. W. Hillman and the water level from the top was 119.2'. The well is located in the shed out back.

105-342

permanently  
populosity  
porece

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within instrument was filed in my office on this 23 day of May A.D. 1968 at 3:33 min. past 4 o'clock P.M. and recorded on page 12

State County, S. of Louisiana.

100

Phyllis Anderson  
County Recorder

25-26 / Deputy

File No. \_\_\_\_\_

T. 11 N R. 3 W  
County Lewis & Clark

DUPLICATE

LOG

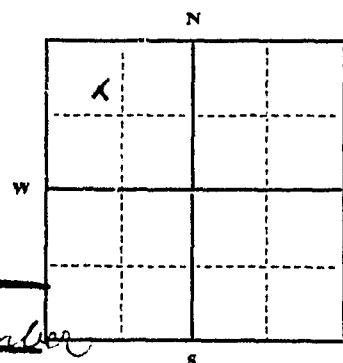
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Robert E. & M. Sharon McTaggart Address 2995 Antelope Dr.  
Driller A. F. Welch Address N. Mont. Ave., Helena, MTDate of Notice of appropriation of groundwater June 2, 1969Date well started June 20, 1967 Date completed June 20, 1967Type of well driven Equipment used blasting  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
6 3/8	unknown	0'	210'	Kind Size	From (Feet)	To (Feet)
				rip	200'	60'
					at 10-foot intervals	
				blasting	at 60' & 100'	

Doc. No. 213873  
Filed for record  
this 18 day of November  
A. D. 19 70, at 8:35  
o'clock 2 M.NW 1/4 Sec. 5 T. 11 N. R. 3 W.  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 60 feet.Shut-in Pressure for Flowing Well NonePumping Water Level 200 feet  
at 5 gal. per minute.Discharge in gal. per min. of flowing well 5 gpmHow Tested Baled & PumpedLength of Test 1 hourRemarks: (Gravel packing, cementing, packers, type of shut-off) existing unused well included with purchase of property

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Irrigation - various parts of 13 acres.Stock - fowl, cattle & horses.Household use

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature.

100  
417898

213873

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 19 day of Nov  
A.D. 19 70 at 35 min. pas  
8 o'clock A.M.

Records of Lewis & Clark  
County, State of Montana.

HELEN KOVICH

County Recorder

By Carol Erickson  
Deputy

2.00

File No. ....

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—2234

T. 11 N. R. 3 E.

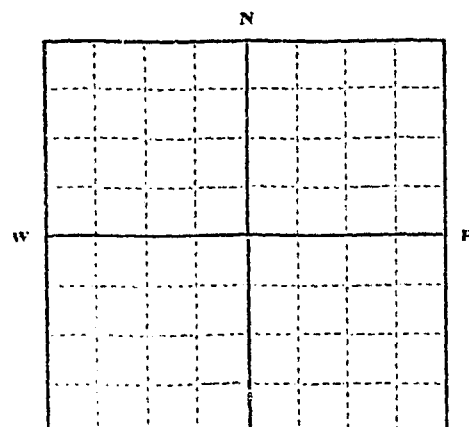
County 2nd

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Marion Watstein, of Butte, Butte, Mont.  
(Name of Appropriator) (Address) (Town)  
County of Deer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 5 T. 11 R. 3

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. Household  
garden & lawn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Nov. 1 - 1911  
Well - House  
Deer - Rock - Deer
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 100 - 150  
30 to 40 - 100 P.M. minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.  
One acre
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
By hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Sept. 10 - 20, 1961
8. The depth of water table. 70 - 75 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  
200 ft - 75 ft
10. The estimated amount of groundwater withdrawn each year. unknown
11. The log of formations encountered in the drilling of each well if available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Marion Watstein

Date Dec - 31 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be retained.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

36258

152487

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 14 day of June  
A.D. 1964 at 16 min. past  
9 o'clock A.M.

Records of Lewis & Clark  
County, State of Montana.

Richard A. Smith  
County Recorder

By M. L. Lark  
Deputy

2

County Lewis & Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

**Developed after January 1, 1962**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Recorder in the county in which the well is located. last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Cap. Bryant

Address 4880 N. Montana

..... Helena, Montana

Date well started 7-23-71.

completed 7-25-71

Type of well ..... Drilled

(Dug, driven, bored or drilled)

Equipment used Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒

Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\*Describe**

**USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). .....

ESTIMATED ANNUAL WITHDRAWAL .....30,000

Size of Drill Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 lb.	0	20		20	123

Static water level .....60.....ft.\*  
Pumping water level .....115.....ft.\*  
at .....20.....gallons per minute,  
measured 120 minutes after pumping  
began.

\*Measured from ground level.

We'll developed by ....air.

for .....2.....hours.

Power..... Pump..... HF

Remarks: (Gravel packing, cementing,  
packers, type of shutoff) .....

W<sub>2</sub> 1/4 NE 1/4 Sec. 5  
T. 11 N R. 3 E  
8 W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

**Driller's Signature****Driller's Address**

LICENSE NO. 38

### DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

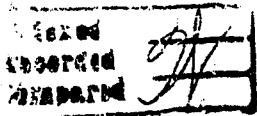
Top of Ground (Elev. above sea level)

[illegible]

113 Show exact depth of bottom

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222593



STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 22 day of Dec.  
A.D. 19 71 at 5 min. past  
9 o'clock A.M. and record-  
ed on page      of Book       
of      Records of Lewis and  
Clark County, State of Montana.

John J. [Signature]  
County Recorder  
BY Betty [Signature]  
Deputy  
200

File No. \_\_\_\_\_

T. 11 R. 3 W

DUPLICATE

County Full

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Joe Capaldi Address Sierra Drive E. Helena, MontanaDriller Robert Price Address Clancy, Mont.

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started May 13, 1970 Date completed May 21, 1970Type of well drilled Equipment used Churn drill  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground \_\_\_\_\_  
(Elev. above sea level \_\_\_\_\_)

0 - 7' loose wash shale gravel

7 - 29' soft shale considerable gummy clay dark brown color

29 - 70' firm shale less clay, lighter color

70 - 96' tight shale some shallow stratas of very tight shale

80' - start making water

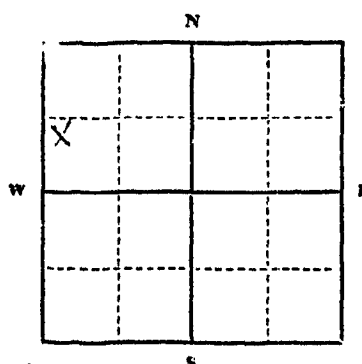
86' - 6 g.p.m.

90' - 9 to 10 g.p.m.

95' - 10 to 12 g.p.m.

96' - 15 g.p.m.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	65/8" O.D. 15 lb.	0	72			
	5 1/2" O.D. 13 lb.	71	96	5" liner torch perforated from 81' to 96'		



Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level \_\_\_\_\_ feet

at \_\_\_\_\_ gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested pailLength of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

Doc. No. 209921

Filed for record

this 26 day of MayA. D. 19 70, at 11:00 A.M.o'clock 8 M.

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 171Driller's Signature Robert Price

46499



Indexed  
Recorded *JH*  
Compared  
209926

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 26 day of March  
A.D. 19 70 at 5 min. past  
1 o'clock P.M.

Records of Lewis & Clark  
County, State of Montana

*John J. Donich*  
County Recorder

by *Carol Erickson*  
Deputy

200

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Joe Pruski  
Address 4414 E. 1st Ave  
St. G. Park - 4720  
Wichita, Kansas

Date well started 6 1st 71  
completed 6 12 71

Type of well ..... (Dug, driven, bored or drilled)

Equipment used Drilled  
Churn Drill (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

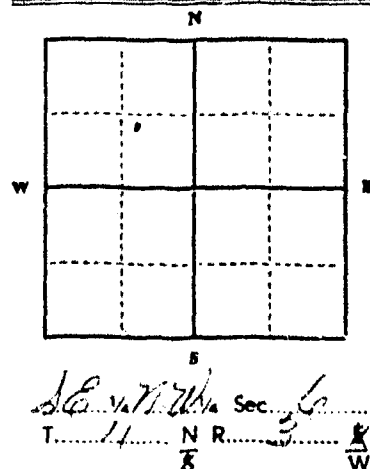
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe \_\_\_\_\_

**USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

## ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5	5	0	112			



Static water level 160 ft.\*  
Pumping water level 104 ft.\*  
at 15 gallons per minute,  
measured minutes after pumping  
began.

\*Measured from ground level.

Well developed by gilling.....

for 2 hours.

Power..... Pump..... HP  
Remarks: (Gravel packing cementing

Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature John E. Johnson

Driller's Address 330 Griggs St.

LICENSE NO. 15

T21 ~~124~~

Show exact depth of bottom

50,113

224214

INDEXED  
RECORDED  
COMPARSED

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within in-  
strument was filed in my office on  
this 17 day of April  
A.D. 19 72 at 2 min. past  
4 o'clock PM M. and record-  
ed on page      of Book       
of      Records of Lewis and  
Clark County, State of Montana.

John D. Smith  
County Recorder

By Betty Stafford  
Deputy

200

T. 11 N. R. 3 W. 6

County Lewis and Clark

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

STATE ENGINEER


Owner Harry L. Lemon Address Rt. A Helena, Mont.  
Driller Price and Lindsay Address Glancy, Mont.  
Date Started May 3, 1960 Date Completed May 26, 1960  
Location: Sec. 6 T. 11 N. R. 3 W. 1/4 sec.

Type of well drilled Equipment used shallow drill  
(Dig, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: C ft. to 70 ft. Type 15 lb. non Size 6 1/8" I.D.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 77 to ft. 90 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 4" torch perforated liner

Static Water level, for non-flowing well: 60 ft. from ground elev. feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 71 feet at 35 gal. per min.

How tested: ba iler

Length of test approx. 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)

## Log of Well

[illegible]

File No. ....

DUPLICATE

T. 11 N. R. 3 West  
County Levi + Clark

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

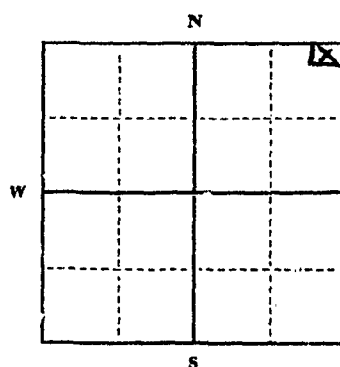
Owner R. Hargreaves Address Helena Mont.Driller Wesley Lindsey Address Clancy Mont.

Date of Notice of appropriation of groundwater.....

Date well started Aug 28-68 Date completed Sept 21-68Type of well Drilled Equipment used Churn  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 1/2	0	35			
	4 5/8	35	130	1/4 x 6	18	130

Static Water Level for non-flowing well 65 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 130 feet  
at 5 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BailerLength of Test 3 hrs.Remarks: (Gravel packing, cementing, pack-  
ers, type of shutoff).....NE 1/4 Sec. 6 T. 11 N. R. 3 W  
Indicate location of well and  
place of use, if possible. Each  
small square represents 40  
acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state  
number of acres and location or other data (i.e.: Lot, Block and Addi-  
tion).Irrigate yard & garden

Top of Ground

(Elev. above sea level.....)

0 - 12 ft  
sand + shell  
gravel12 ft to 38 ft  
clay + sand28 ft to 35 ft  
decomposed shale35 ft to 129 ft  
shale rock  
& layers of clay129 ft to 134  
benken hard  
shale rock

Show exact depth of botto

This form to be prepared by driller, and three copies to be filed by the owner with the  
County Clerk and Recorder in the county in which the well is located, tissue copy to be  
retained by driller.Please answer all questions. If not applicable, so state, otherwise the form will be  
returned.

Driller's License Number

Wesley Lindsey  
Driller's Signature.

44,738

199990

Indexed	<input checked="" type="checkbox"/>
Recorded	<input checked="" type="checkbox"/>
Compared	<input checked="" type="checkbox"/>

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK | SS

I hereby certify that the within instrument was filed in my office on this 14 day of Oct A.D. 19 68 at 20 min. past 9 o'clock a.m.

Records of Lewis & Clark  
County, State of Montana

John D. Lewis  
County Recorder

Chyllis Swanson  
Deputy

2.00

File No. ....

T. 11 N., R. 3 W.

DUPLICATE

County, Lewis and Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

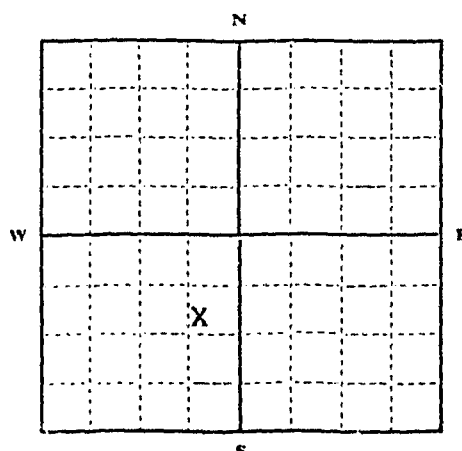
RECEIVED  
SEP 30 1963

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. CHEVALLIER RANCH COMPANY, of Canyon Creek  
(Name of Appropriator) (Address) (Town)  
County of Lewis and Clark State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 7 T11 N. R. 3 W.

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based water for  
cattle and sheep
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 1912 to date
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 30"
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
Not applicable
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal  
The water is withdrawn by means of a well and pump,  
which is located in the SW 1/4 of Sec. 7, Twp. 11 N.,  
R. 3 W.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater July, 1961
8. The depth of water table 27 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater 115 feet deep well, equipped with a pump which  
draws 10 gallons a minute
10. The estimated amount of groundwater withdrawn each year 500 gallons per day
11. The log of formations encountered in the drilling of each well if available  
The well was drilled by Walter Riddeok who would have any logs and formation data
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record

Signature of Owner

*Chevalier Ranch Co. Ry*

Date Sept 24, 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

6090



Index  
Record  
Compared

148396

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 25 day of Sept.  
A.D. 19 63 at 12 min. past  
12 o'clock P.M.

Records of Lewis & Clark  
County, State of Montana

Delbert Danick  
County Recorder

By Norma Kelley  
Deputy

2.00

File No. **RECEIVED RECEIVED**

DUPLICATE SEP 5 1967 AUG 28 1967

T. 11N. R. 3W.

County Lewis & Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground  
(Elev. above sea level.....)  
0  
2 SOIL  
RED SHALE  
CLAY  
55 SEEP WATER @ 55 FT  
RED SHALE  
CLAY  
SEEP WATER 155 FT  
235 RED CAVING SHALE  
275 RED & GRAY SHALE  
315 RED & BROWN SHALE  
335 WATER @ 335 FT 1 1/2 GALS MIN  
RED & GRAY SHALE  
400 DARK GRAY SHALE  
441  
441-4  
Show exact depth of bottom.

**Notice of Completion of Groundwater Appropriation by Means of Well**  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

State of Montana  
Owner Office of State Forester Address

Driller A.F. WELCH Address HELENA

Date of Notice of appropriation of groundwater

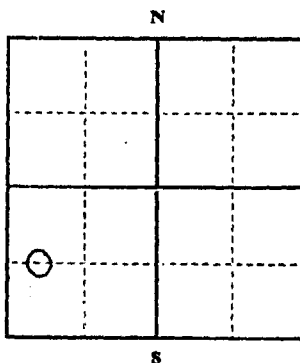
Date well started JULY 10 Date completed AUG 19-1967

Type of well DRILLED Equipment used CABLE TOOLS  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 5/8	8 5/8	0	441'	8 5/8	50'	60 FT
	28.55 LBS.		4 1/4"	8	150	160 FT
				?	330	340 FT



W 1/2 SW  
1/4 Sec. 8 T. 11N. R. 3W.  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 4.00 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 4.40 feet at 6.22 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BAILER NO

Length of Test 3 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NO

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

100  
Driller's License Number

A. F. Welch  
Driller's Signature.

42,259

Indexed	75
Recorded	75
Subscribed	

189680

STATE OF MONTANA }  
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 29 day of Aug A.D. 1907 at 15 min past 8 o'clock A.M.

Records of Lewis & Clark  
County State of Montana

John J. Smith  
County Clerk  
Norman H. Day  
Deputy  
No Fee

T. 11N R. 3W  
County LEWIS & CLARK

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER


Owner H. T. O'Reilly Address Route A  
Driller E. D. Rafferty Address 927 10th Ave. SW  
Date Started April 23, 1958 Date Completed April 30, 1958  
Location: Sec. 8 T. 11N R. 3W 1/4 sec. NE 1/4 NW 1/4

Type of well Drilled Equipment used Churn drill  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 0 ft. to 78 ft. Type Black Iron Size 6 5/8 O.D.  
Casing: 77 ft. to 110 ft. Type " Size 5 1/2 O.D.  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 24 to ft. 26 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Slots 1/4" x 12"

Static Water level, for non-flowing well: 25' from top feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 70 ft. from top feet at 32 gal. per min.

How tested: Bailer

Length of test 4 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Gravel placed behind 6 5/8" casing to act as filter

(over)

## Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	2	Loam
2	24	Silt and light grey shale
24	25	Gravelly shale "water"
25	78	Light red silt and shale
78	101	Yellow shale and boulders
101	103	Yellow sandy shale "water"
103	110	Yellow shale and boulders

95051

Ym 7

100

—

100

State of Montana } ss.  
County of Lewis & Clark

I hereby certify that the within

THIS 15<sup>th</sup> day of Dec, A.D. 190

1958 Oct 13 11:00 AM / 10:00 AM  
R. J.

Records of Lewis & Clark  
County State of Montana.

Franc Thien Fouvr

By Ruth Zarter County Recorder

Am't				

\$ 504

File No. \_\_\_\_\_

T. 11 R. 3

DUPLICATE

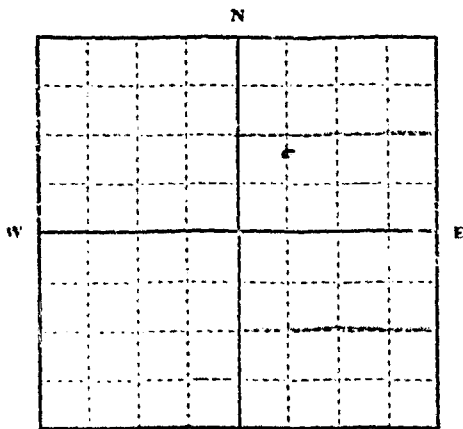
County Deer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gene D. Beckwith, of 1229 Walnut Helena  
(Name of Appropriator) (Address) (Town)  
County of Deer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 8, T. 11 N. R. 3 W.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based water for stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been from 1940 to present
4. The amount of groundwater claimed (in miner's inches or gallons per minute) None measured but estimated amount drawn
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one well in back of house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commenced in 1940 and completed in 1941
8. The depth of water table water is 5 ft deep in well
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater one 4 inch diameter well with 5 ft depth
10. The estimated amount of groundwater withdrawn each year System draws water off to water in house
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Signature of Owner Gene D. BeckwithDate 12/12/61

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

36172

152366

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 13 day of Jan A.D. 1967 at 52 min. past 8 o'clock A.M.

Records of Lewis & Clark  
County, State of Montana

[Signature]  
County Recorder  
By M. Lee  
Deputy

sd

RECORDED  
INDEXED  
J

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner George Thompson

Address Helena Valley

5950 Mass Dr.

Date well started Aug 28 72

completed Sept 16 72

For Administrator's Use

File 229108

Oct. 4/1972 8:30 a.m.

GW 1

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

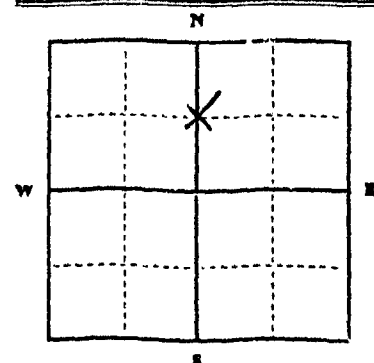
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6	1760	0	152	Kind Size From (Feet) To (Feet)



S2-1/4 SE-1/4 Sec. 8  
T. 11 N. R. 32 W. P. 2 E.  
S W

Static water level 38 ft.\*  
Pumping water level 75 ft.\*  
at 14 gallons per minute,  
measured 14 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by Bailing

for 14 hours.

Power          Pump          HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature John Johnson

Driller's Address 335 Griffin Rd

Helena Mont

LICENSE NO. 155

County Lewis Clark

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

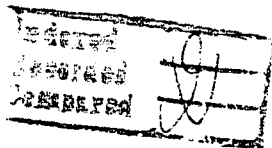
Top of Ground		
(Elev. above sea level)		
From (Feet)	To (Feet)	
0	3	Dark soil
3	35	Gray Clay Red Shale
35	47	Brown Clay
47	99	Dirty Brown Water
99	126	Brown clay
126	129	Hard Pan Brown Clay
129	138	Clay Sand
138	140	Hard pan
140	150	Brown Clay Water
150	158	Clay Pan
158	165	Clay Coarse Gravel
		Water

165 Show exact depth of bottom

51,619



229108



STATE OF MONTANA  
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-  
strument was filed in my office on  
this 4 day of Oct  
A.D. 19 72 at 30 min. past  
8 o'clock A.M. and record-  
ed on page      of Book       
of      Records of Lewis and  
Clark County, State of Montana.

*John David*  
County Recorder  
By *[Signature]*  
Deputy  
200

CORRECTION

RECEIVED

11N-347  
County Lewis & Clark

### DRILLER'S LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MAY 1973

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

**Developed after January 1, 1962**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Pauline Super

Address Gold Ferry Drive

Helena, Montana

Date well started 5-27-63

completed 5-29-63

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used Cable tool

.....  
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

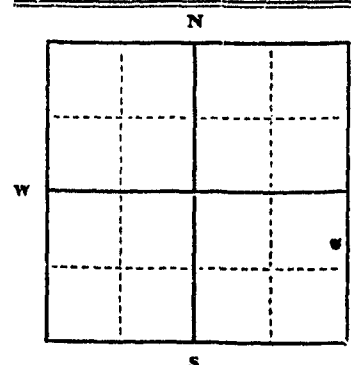
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\*Describe**

**USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). .....

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 7/8	6 7/8 16 LB	0	115	no		



Static water level ..... 30 ..... ft.\*  
Pumping water level ..... 30 ..... ft.\*  
at ..... 10 ..... gallons per minute,  
measured ..... minutes after pumping  
began.

\*Measured from ground level.  
Well developed by Barler  
for 10 hours.

Power electric Pump..... HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) .....

S ~~E~~  $\frac{1}{4}$  S  $\frac{1}{4}$  Sec. 10  
T 11  $\frac{1}{4}$  3 E  
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature A. H. Welch

**Driller's Address**

LICENSE NO. 100

Top of Ground

(Elev. above sea level)

[illegible]

120 T.L.

Show exact depth of bottom

53,084

234437

RECORDED  
INDEXED

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 3 day of May  
A.D. 19 15 at 40 min past  
1 o'clock A.M.

Recorder of Lewis & Clark  
County, State of Montana.

*John A. Smith*  
County Recorder  
*P. Zachary*  
Deputy

200

File No. ....

T. .... R. ....

ORIGINAL

County. ....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner James H. Smith Address 101 N. A. Helena

Driller A. H. Welch Address Helena

Date of Notice of Appropriation of Groundwater .....

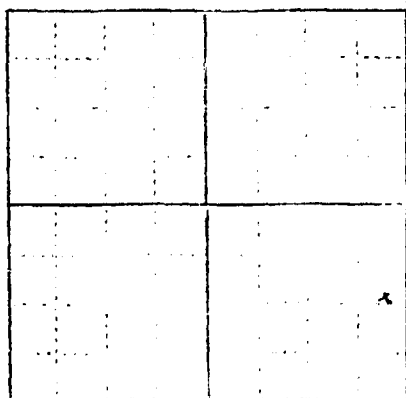
Date well started May 27 Date Completed May 29-63

Type of well drilled Equipment Used Cable Tool  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 7/8	6 7/8	0	115			
	16 lb.			no		



SE 1/4 Sec. 10 T. 10 R. 3  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 30 feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 30 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested Bailer Length of Test 10 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) no

T.D.  
Show exact depth of bottom.

100  
Driller's License Number

A. H. Welch  
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA

County of Lincoln

W. N. [unclear] having first been duly sworn, depose and say that he is of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name subscribed thereto, as the appropriator and claimant that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

James H. Russell - Owner  
Lincoln

Subscribed and sworn to before me, this 10 day of July, 1963

Notary Public for the State of Montana.  
Residing at Lincoln, Montana  
My Commission Expires March 14, 1964  
My Commission expires 19

145811

STATE OF MONTANA  
COUNTY OF LINCOLN

FILED  
JUL 10 1963  
JUL 10 1963  
JUL 10 1963

James H. Russell  
Owner  
Lincoln

2109

County 114 310  
24 C

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

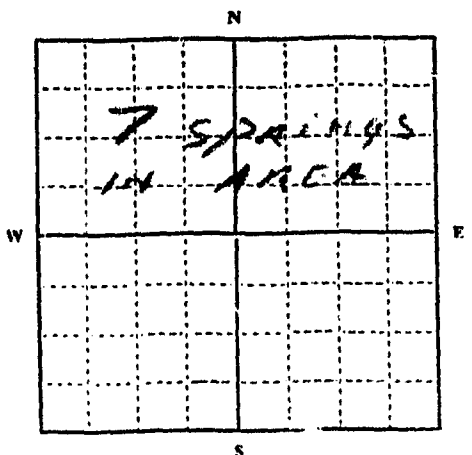
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 236448

June 29, 1973

GW 1 10:14 N. 122.



11 11 Sec. 11

T. 11 NR 3 W

INDICATE POINT OF APPROPRIATION  
AND PLACE OF USE, IF POSSIBLE.  
Elevation of spring, if known or esti-  
mated

Owner HELENA SAVID & PARTNER

Address Box 797 Helena

Contractor (if any)

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation,  
developed spring, drains, etc) Spring

2. Means of withdrawing water (gravity, pump, canal, etc.) Gravity

3. Depth of water table

4. Use of the water Stock watering

5. Amount of groundwater claimed (in miner's inches or gallons  
per minute)

6. If used for irrigation, give number of acres and description  
of land

7. Estimate amount of water used each year

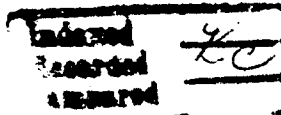
8. Months of year spring flows 12

Signature of Owner R. Nicholas Love

Date 6-12-73

54742

226448



STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 29 day of June  
A.D. 19 73 at 14 min past  
10 o'clock A.M.

Records of Lewis & Clark  
County State of Montana

Allen L. Lomick  
County Recorder  
Carol Buckner  
Deputy  
2.00

G

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 11N R. 3 W

DUPLICATE

County Lewis and Clark

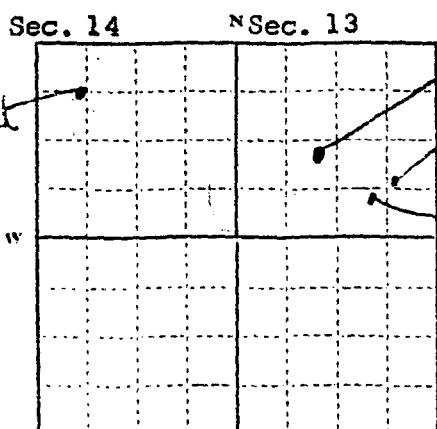
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 7 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. CHARLES P. VULK and MARGARET A. VULK, of Route 1 Helena  
(Name of Appropriator) (Address) (Town)  
County of Lewis and Clark State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 13 T.11N.R.3 W  
SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 14 T.11N.R.3 W

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based domestic,  
watering livestock and irrigation
3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been all prior to 1939 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 400 gallons per minute
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
#4 - SE $\frac{1}{4}$ NW $\frac{1}{4}$  - 1 acre - Charles P. and Margaret A. Vulk  
#1, #2 and #3 - S $\frac{1}{2}$ SE $\frac{1}{4}$  - 2 acres - Charles P. and Margaret  
A. Vulk. #4 in Sec. 14, #1, #2 and #3 in Sec. 13 all in  
T. 11 N., R. 3 W.
6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal #1, #2 and #3 are  
drilled wells, fitted with pumps. #4 well is a dug well,  
fitted with pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater #1, 1954 -- #2, approximately 1912 -- #3, Approximately 1940 and  
#4, before 1900.
8. The depth of water table #1 artesian for about 5 months of the year -- then down 2 or 3 feet.  
#2, 10 feet -- #3, 10 feet -- #4, 50 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater #1, drilled, 7" casing - 130 feet deep; #2 drilled, 4" casing - 120 feet deep; #3 drilled, 6" casing - 85 feet; and #4 hand dug, dirt casing  
approximately 75 feet deep. For withdrawing #1 uses 1 $\frac{1}{2}$  h.p. pump; #2 uses 1 h.p. pump;  
#3 uses  $\frac{1}{2}$  h.p. pump and No. 4 uses 1 h.p. pump.
10. The estimated amount of groundwater withdrawn each year approximately 5 million gallons
11. The log of formations encountered in the drilling of each well if available unavailable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record unavailable

Signature of Owner

*Charles Vulk*  
*Margaret Vulk*

Date December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of  
Mines and Geology, and Quadruplicate for the Appropriator.

26624



151799



STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 6 day of Jan  
A.D. 1964 at 2:30 past  
10 o'clock A.M.

Recorder of Lewis & Clark  
County, State of Montana

Shirley L. Lovick  
County Recorder  
By M. Lass  
Deputy

s2 = pd

File No. ....

DUPLICATE

T. 11 N. R. 3 W.

County. Lewis &amp; Clark

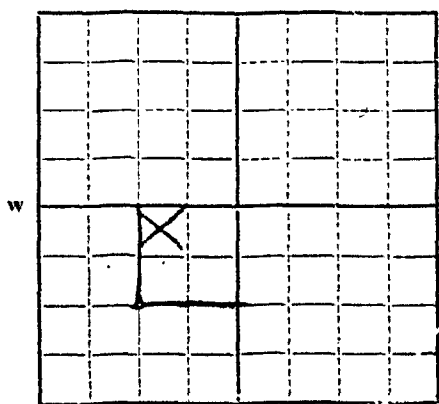
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 24 1962

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Roy C. Riley, of Rt. A Helena, (Name of Appropriator) (Address) (Town)  
County of Lewis & Clark State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 Sec. 14, T. 11, R. 3

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based. stock water  
household use

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. Oct. 1, 1959  
continuous for stock irrigation until May 1, 1962  
when household use was added.

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute). 30 gals. per minute

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
to irrigate windbreak, garden and trees on  
approximately one acre.

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal.  
electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. Sept. 10 to 12 1959.

8. The depth of water table. 45 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater. 66 ft. deep - 6 inch well casing

10. The estimated amount of groundwater withdrawn each year. log states well will produce  
up to 30 gal. per minute

11. The log of formations encountered in the drilling of each well if available. 0 to 5 ft. soil and gravel  
5 to 15 ft. clay, 15 to 26 ft. layers of hard pan and clay, 26 to 40 ft. clay and silt  
40 to 45 ft. silty clay and sand, some water, 45 to 60 ft. shale gravel.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record. Records in Lewis & Clark County  
page 312 Book 108

Signature of Owner. Roy C. Riley

Date. 7/12/62

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state. otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

146073

STATE OF MONTANA }  
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within in-  
strument was filed in my office on  
this 18<sup>th</sup> day of July  
A.D. 1863 at the past  
of the Clerk of the Court  
Clark County, State of Montana.

*John L. Smith*  
County Reporter

By *C. L. Smith*  
Deputy

*200*

T 11R 3W

County Lewis & Clark

RECEIVED  
SEP 9 1963

## STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Sam Smith, of Route 1, Helena  
 (Name of Appropriator) (Address) (Town)  
 County of Lewis & Clark State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows

A 4x4 grid map showing a rectangular area. The grid is labeled with 'N' at the top, 'S' at the bottom, 'W' on the left, and 'E' on the right. Below the grid, the letters 'SW', '14', '11N', and '3W' are printed. A small 'X' is marked in the bottom right corner of the grid.

..... $\frac{1}{4}$ ..... Sec..... T..... R.....

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- |  |  |
|--|--|
|  | <p>2. The beneficial use on which the claim is based.....<br/> <b>Domestic - irrigation - stockwater</b></p> <p>3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....<br/> <b>Approximately 1880</b></p> <p>4. The amount of groundwater claimed (in miner's inches or gallons per minute).....<br/> <b>20 G.P.M.</b></p> <p>5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....<br/> <b>One-half acre</b></p> <p>6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....<br/> <b>Pump</b></p> <p>7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....<br/> <b>Approximately 1880</b></p> <p>8. The depth of water table.....<br/> <b>8' - 10'</b></p> <p>9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....<br/> <b>Unknown</b></p> <p>10. The estimated amount of groundwater withdrawn each year.....<br/> <b>900,000 Gal.</b></p> <p>11. The log of formations encountered in the drilling of each well if available.....<br/> <b>N/A</b></p> <p>12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....<br/> <b>N/A</b></p> |
|--|--|

SW      14      11N      3W

..... 1/4 ..... Sec. .... T. .... R. ....

Indicate point of appropriation and place of use, if possible.  
Each small square represents 10 acres.

Signature of Owner.....*Sam Smith*.....

Date **Sept. 4, 1963**

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

147633  
INDEXED  
RECORDED  
COUNTY OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 4th day of Sept A.D. 1963 at 15 min. past 11 o'clock A.M.  
County of Lewis & Clark  
State of Montana

*John L. Russell*  
County Recorder  
*John L. Russell*  
Deputy  
2:00

GV

Approved Stock Form—State Publishing Co., Helena, Montana—36687

File No. ....

T. 11 R. 3 W. 1

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

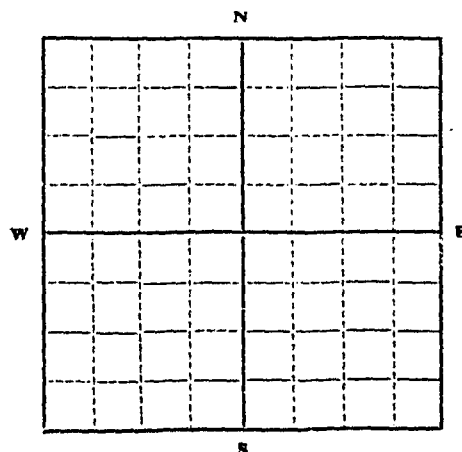
RECEIVED

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William L. Darcy of RF 1 Helena  
(Name of Appropriator) (Address) (Town)  
County of Blaine & Clark State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



7.11.1/4 Sec. 15 T. 11 R. 3

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. Irrigation  
Lawn Garden Watering Stock  
Milk House
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1900 Continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 10 acres - Wm L. Darcy
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. year 1900
8. The depth of water table. 6 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. None
10. The estimated amount of groundwater withdrawn each year. 6,480,000
11. The log of formations encountered in the drilling of each well if available. Clay  
Sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Wm L. Darcy  
Date May 31, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

822

RECEIVED  
CLERK

L 132969

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 31 day of May A.D. 1962 at 35 min. past 8 o'clock P.M.

Records of Lewis & Clark  
County, State of Montana.

John Dovich  
County Recorder

2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Donald J. Pocha  
Address Clancy Mont  
Box 53  
Date well started Oct 26-1970  
completed Nov 7-1970

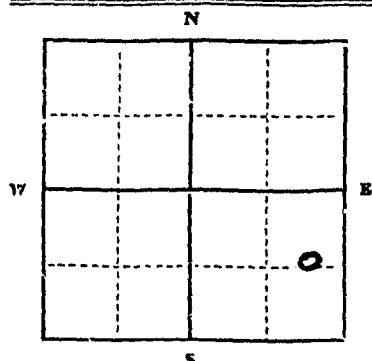
For Administrator's Use	
File	<u>215113</u> <u>January 26, 1971</u> <u>8:45 A.M.</u>
GW 1	

Type of well drilled  
(Dug, driven, bored or drilled)  
Equipment used Churn Drill  
(Churn drill, rotary or other)  
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe \_\_\_\_\_  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. 17 lb.	0	121			
	9' 5" casing			perforated	121	126



NE 1/4 Sec. 15  
T. 11 N. R. 34 E  
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Robert Price  
Driller's Address Clancy Mont.

LICENSE NO. 171

County Lincoln

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	6	topsoil silt clay and some sharp gravel
6	23	loose clay bound gravel
23	38	silty clay
38	43	loose silty gravel some fine sand
43	66	silt clay some fine sand
66	69	fine silty sand
69	105	silt, clay and some fine sand
105	108	medium size gravel with alternate strata silt on fine sand
108	122	silt and clay
122	126	Medium size sand and gravel, considerable silt
38	43	some water, very silty
66	69	water very silty and sandy
105	108	considerable water unable to stop silt and sand

Show exact depth of bottom

48077



215113

Indexed  
Recorded  
Compared

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

heraby certify that the within in-  
strument was filed in my office on  
this 26 day of Jan  
A.D. 19 71 at 10 min. past  
8 o'clock A.M.

Records of Lewis & Clark  
County, State of Montana

John J. Smith  
County Recorder

by Carol Erickson  
Deputy

2.08

File No. ....

DUPLICATE

T. 11 N. R. 3

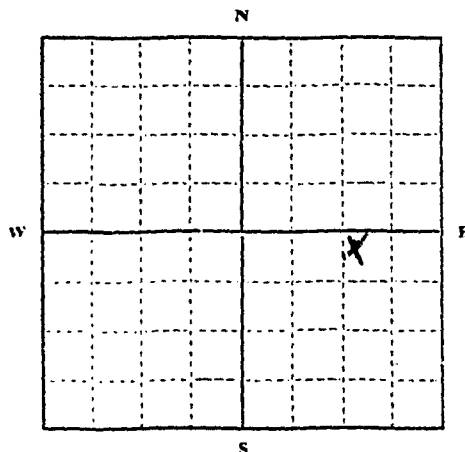
County Furnish Creek

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Carl M. Schiller, of 1203 Winnie Helena  
(Name of Appropriator) (Address) (Town)  
County of Furnish Creek State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 15 T. 11 R. 3

Indicate point of appropriation and place of use, if possible; small square represents 1/4 section.

2. The beneficial use on which the claim is based Household and Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1929
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gals per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Mechanical Water pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
8. The depth of water table 4.5 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 75 feet deep with 1 1/4 in. suction pipe
10. The estimated amount of groundwater withdrawn each year 150,000 gallons
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date December 30 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

27036

157841

Indexed  
Recorded  
Clerk

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 6 day of June  
A.D. 1942 at 28 min. past  
11 o'clock A.M.

Records of Lewis & Clark  
County, State of Montana

John J. Danick  
County Recorder

By W. H. Lass  
Deputy

W. H. Lass

File No. \_\_\_\_\_

MONTANA WATER CONTROL BOARD

T. 11 R. 3

DUPLICATE

RECEIVED

County Levi & Clark

LOG

JUN 1962

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground \_\_\_\_\_

(Elev. above sea level 4,000)Notice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

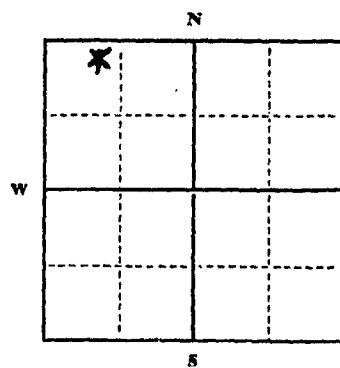
Owner Martin Halstein Address \_\_\_\_\_Driller Walter Riddock Address Route 1 Box 115

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started June 1962 Date completed August 1962Type of well Drilled Equipment used Churn Drill  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	Heavy Cast	0	205			



7/16 1/4 Sec. 15 T. 11 R. 3  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 55 feet  
at 5 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested BailerLength of Test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Walter Riddock

Driller's License Number

Mart H. 49  
Driller's Signature.

45,267

203663

Indexed	<input checked="" type="checkbox"/>
Recorded	<input checked="" type="checkbox"/>
Compared	<input checked="" type="checkbox"/>

STATE OF MONTANA }  
COUNTY OF LEWIS & CLARK } S:

I hereby certify that the within instrument was filed in my office on this 22 day of May 1969 at 11 min. past 11 o'clock A.M.

Records of Lewis & Clark County, State of Montana

John J. Smith  
County Recorder  
by Carol Smith  
Deputy

1.00

File No.

T. 11 N. R. 3 West

DUPLICATE

County Lewis &amp; Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

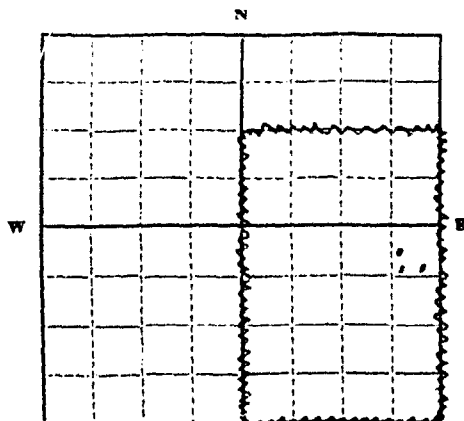
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 26 1963

STATE ENGINEER

1. Donald and Mary Ellen Allen of Lake Road, Route 1, Helena  
(Name of Appropriator) (Address) (Town)  
County of Lewis and Clark State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/2 SE 1/4  
S 1/2 NE 1/4  
S 1/2 SE 1/4 Sec. 16 T. 11 N. R. 3 W.

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

**BENEFICIAL USE AREA  
OUTLINED IN INK**

2. The beneficial use on which the claim is based. Irrigation purposes and domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Continuous since 1880
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2700 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 240 acres of irrigated meadow and hay land - owned by Donald and Mary Ellen Allen
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Three (3) Artesian wells
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Present wells completed approximately 1912-replaced wells dating to 1880.
8. The depth of water table. Varies from approximately 15 feet to 120 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. I do not have this information available
10. The estimated amount of groundwater withdrawn each year. 466,560,000 gallons per year
11. The log of formations encountered in the drilling of each well if available. Do not have this information available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Mary Allen  
Donald Allen

Date November 22, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

12253

151021

Index	7
Serial	
Page	

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
the 15 day of June  
A.D. 1963 at 10:00 min. past  
9 o'clock A.M.

\_\_\_\_\_  
County Recorder of Lewis & Clark  
County, Montana.

By Myrtle Rose  
Deputy

File No. ....

T. .... R. ....

DUPLICATE

MAR 07 1972

County Lebanon

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

Notice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner John R. Allen Address 5622 Collins Dr.Driller A.F. WELCH Address HELENA

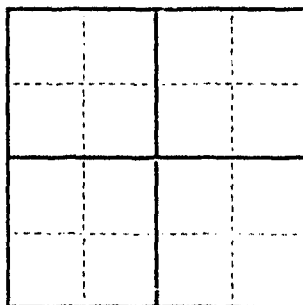
Date of Notice of appropriation of groundwater.....

Date well started Nov 5 Date completed Nov. 9 - 1970Type of well DRILLED Equipment used CABLE TOOLS  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 5/8</u>	<u>6 5/8</u> <u>19 LB</u>	<u>0</u>	<u>86</u>	<u>110</u>		

Doc. No. 224098  
Filed for record  
this 13 day of March  
A. D. 19 72, at 2:00 W  
o'clock P.M.

Static Water Level for non-flowing well 85 feet.Shut-in Pressure for Flowing Well NOPumping Water Level 85 feet  
at 3.0 gal. per minute.Discharge in gal. per min. of flowing well 110How Tested BAILERLength of Test 2 HRSRemarks: (Gravel packing, cementing, packers, type of shutoff) NONE

1/4 Sec. 16 T. 11N R. 3W  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

86 WATER  
Show exact depth of bottom.

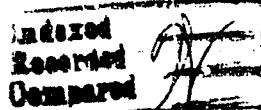
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 100Driller's Signature A. F. Welch50111



224098



STATE OF MONTANA  
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 13 day of March A.D. 19 72 at 0 min. past 2 o'clock P.M. and recorded on page 1 of Book 1 of Records of Lewis and Clark County, State of Montana.

*Allen Daniel*

County Recorder

by *Bert Stafford*  
Deputy

12.00

File No. \_\_\_\_\_

RECEIVED

MAR 27 1972

T. \_\_\_\_\_ R. \_\_\_\_\_

DUPLICATE

County Lewis & Clark

LOG MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
 STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level \_\_\_\_\_)

# Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner JOHN R. ALLEN Address 5480 COLLINS DRDriller A.F. WELCH Address HELENA

Date of Notice of appropriation of groundwater \_\_\_\_\_

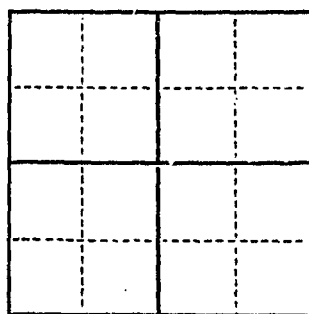
Date well started NOV 5 Date completed NOV. 9 - 1970Type of well DRILLED Equipment used CARL TOOLS  
 (Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
 Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 5/8</u>	<u>6 5/8</u> <u>19 LB</u>	<u>0</u>	<u>86</u>	<u>110</u>		

SAND  
 &  
 CLAY  
  
 WATER  
  
 SAND  
 &  
 CLAY

Doc. No. 224098  
 Filed for record  
 this 13 day of March  
 A. D. 1972, at 2:00 P. M.  
 of town Helena

Static Water Level for non-flowing well 85 feet.Shut-in Pressure for Flowing Well NOPumping Water Level 85 feet  
 at 30 gal. per minute.Discharge in gal. per min. of flowing well 110How Tested BALLERLength of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

1/4 Sec. 16 T. 11N R. 3W  
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

NONE

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

86 WATER  
 Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

100  
 Driller's License Number

A. F. Welch  
 Driller's Signature

50111

File No.

T11N R 3W

DUPLICATE

County Lewis &amp; Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

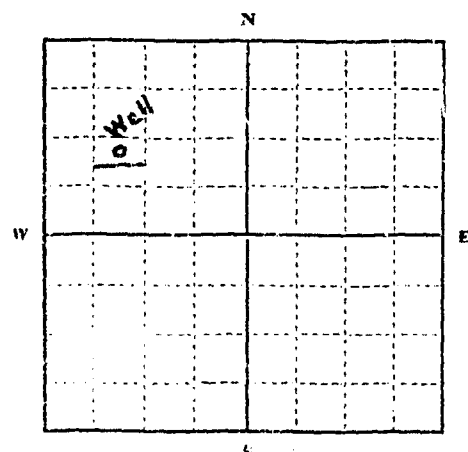
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 26 1963

STATE ENGINEER

1. LeRoy W. Bergstrom, of Rte A Helena (Name of Appropriator) (Address) (Town)  
County of Lewis & Clark State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec. 16, T11N, R.3W.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based 1959 and used continuously since for house, garden, & livestock, & shelter belt
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons/min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof have garden & shelter belt - 3 acres around house
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well - electric pump adjacent to house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Fall 1959
8. The depth of water table Approx 40' to water table
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled - 6" casing - 6.5' deep
10. The estimated amount of groundwater withdrawn each year 1.5 x 60 x 24 x 365 = 7,884,000 gals/year.
11. The log of formations encountered in the drilling of each well if available W. J. Lindsay, driller from Clancy, Montana may have a log
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

LeRoy W. Bergstrom

Date 12-12-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

12279

8

151101

STATE OF MONTANA }  
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within in-  
strument was filed in my office on  
the 19 day of Dec  
11 63 at 5 min. past

County of Lewis & Clark  
State of Montana

*John J. Smith*  
County Recorder  
by *Norma Kelley*  
Deputy

\$2.00

GW.

Approved Stock Form—State Publishing Co., Helena, Montana—42207

File No. \_\_\_\_\_

MONTANA WATER RESOURCES BOARD

**RECEIVED**T. 11 R. 3

DUPLICATE

County Flathead

MAR 2 1970

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level \_\_\_\_\_)

**Notice of Completion of Groundwater  
Appropriation by Means of Well**  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

0 - 3' soil some clay  
3 - 12' clay, some sharp gravel  
12 - 23' tight clay bound sharp gravel  
23 - 37' silt & clay  
37 - 42' tight clay bound gravel  
42 - 46' clay  
46 - 51' hard pan  
51 - 58' loose very silty shale gravel  
58 - 57' hard pan  
57 - 58' tight shale gravel

23' some water  
46' " water  
51 - 53' some water

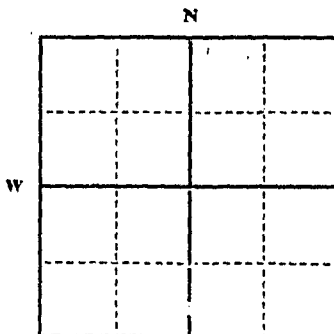
Owner Philip Ogle Address \_\_\_\_\_Driller Price Well Drilling Address Glancy, Mont.

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started Sept. 17 Date completed Sept. 19, 1969Type of well drilled Equipment used churn drill  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. 15 lb.	0	58'			

Static Water Level for non-flowing well 11 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 38 feet  
at 20 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested bailerLength of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

Doc. No. 208516

Filed for record

this 27 day of SeptemberA.D. 1970at 1:00o'clock P M.

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

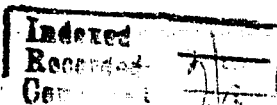
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 171Driller's Signature Robert Price

46215

208516



STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office  
this 24th day of Feb  
A.D. 1910 at 10 o'clock P.M.

\_\_\_\_\_  
County Recorder of Lewis & Clark

by Carol Erickson  
Deputy

2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner John Doubeck

Address 11th Montana Ave.

Helena, Montana

Date well started May 22, 1972

completed May 25, 1972

For Administrator's Use

File 227862

August 15, 1972 1:35pm

GW 1

Type of well Driven

(Dug, driven, bored or drilled)

Equipment used Churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

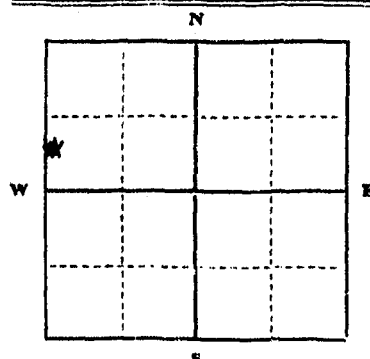
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 5/8"	Blk iron pipe 15lb. P.F.	1.5'	72.3'	1/8X6"	61.8'	71.8'



SW 1/4 SE 1/4 Sec. 17

T. 11 N. R. 3 E. S. 6 W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address 220 G. Gustar Ave. West

Helena, Montana 59601

LICENSE NO. 225

County Lewis & Clark

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0.0'	14.0'	Blk sandy clayey silt w/ scattered gravel
14.0'	16.0'	Blk clayey silty gravel
16.0'	25.0'	Tan sandy clayey silt w/ scattered gravel
25.0'	26.0'	Tan gravelly clayey silt
26.0'	52.0'	Tan sandy clayey silt w/ scattered gravel
52.0'	54.0'	Tan clay
54.0'	56.0'	Tan gravelly clayey silt
56.0'	63.0'	Tan clayey silty sandy gravel
63.0'	66.0'	Tan gravelly silty clay
66.0'	72.3'	Tan clayey sandy fine gravel

Note:

Water contact @ 56.0'

72.3' Show exact depth of bottom

5/1/93

227862



STATE OF MONTANA }  
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-  
strument was filed in my office on  
this 15 day of Aug  
A.D. 19 72 at 3:5 min. past  
1 o'clock PM and record-  
ed on page        of Book         
of        Records of Lewis and  
Clark County, State of Montana.

John D. Smith  
County Recorder

by John D. Smith  
Deputy

200



STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner John Doubeck

Address 7645 North Montana Ave

Helena, Montana

Date well started July 13, 1972

completed July 14, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used chain

(Chain drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

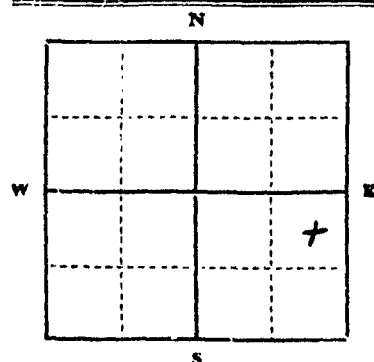
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
6"	Iron pipe 15lb. CP	1.5'	46.0'	Kind Size	From (Feet)	To (Feet)
				1/8X6"	34.0'	44.0'



NE 1/4 SE 1/4 Sec. 17  
T. 11 N. R. 3 W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Harold C. Mahlum

Driller's Address 220 C. Custer Ave. West

Helena, Montana 59601

LICENSE NO. 225

County Lewis & Clark

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0.0'	22.0'	Tan gravelly silty clay
22.0'	36.0'	Tan sandy gravelly silt
36.0'	41.5'	Tan sandy gravel
41.5'	44.5'	Sandy gravel
44.5'	46.5'	Gravelly sandy silt
46.5'		Bottom of hole

46.5' Show exact depth of bottom

5/194

227861

Adrian  
B. [unclear]  
[unclear]

11/1

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK } 54

I hereby certify that the within in-  
strument was filed in my office on  
this 13 day of Aug  
A.D. 19 72 at 30 min. past  
4 o'clock P.M. and record  
ed on page      of Book       
of      Records of Lewis and  
Clark County, State of Montana

*John K. [unclear]*  
County Recorder

*Thomas [unclear]*  
Deputy

200

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
**NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL**  
Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Earl Hafer

Address 1724 Lincoln Rd. E.

Helena, Montana 59601

Date well started June 14, 1973

completed June 15, 1973

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

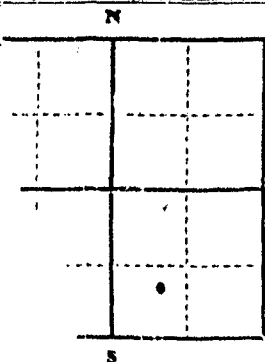
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 5/8"	6" 15 lb.	1.0'	26.0'			
	5" I.D.	19.0'	34.0'	1/8" slot	25.0'	34.0'



SEC 17

R. 9

S

W

LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. SQUARE REPRESENTS 40 ACRES.

Signature Donald C. Mahlum

Address 20 C. Custer Ave. West

Montana 59601

LICENSE NO. 225

County Lea Clerk

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0.0'	10.0'	Gravelly silty clay (redish brown)
10.0'	12.0'	Water contact
12.0'	15.0'	Sandy gravelly clay (tan)
15.0'	25.0'	Silty clay (tan)
25.0'	34.0'	Large gravels
34.0'		Bottom of hole

34.0' Show exact depth of bottom

236167

RECORDED  
INDEXED  
CAMBER

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK } S:

hereby certify that the within in-  
strument was filed in my office on  
this 27 day of June  
A.D. 19 13 at 90 min. past  
8 o'clock A.M.

Records of Lewis & Clark  
County, State of Montana.

John L. Smith  
County Recorder

Carol Erickson  
Deputy

2.00